

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE REGULATORY CONTACT RECORD

Date/Time: May 4, 1999 / approximately 4 25 p m

Site Contact(s): Bob Cathel **Phone:** 966-6880

Regulatory Contact: James Hindman **Phone:** 692-3345

Agency: Colorado Department of Public Health & Environment

Purpose of Contact: Inform agency of leak in process water transfer valve and intent to continue utilization of system

Discussion

At approximately 2 15 a m today, during a routine check, approximately 30 gallons of aqueous waste was discovered within the secondary containment system of pump station B231. The waste was immediately cleaned up. The waste within the secondary containment was determined to be from a leak in the packing and seals of pump #2, which transfers material from tanks T-231-A & B to B374 for processing (Note Tertiary containment (stainless steel pan) was placed under the pumps in case of continued leaks). Transfers utilizing pump #2 were discontinued, however operations continued to transfer from tank T-231-B using pump #1. During operation of pump #1, small amounts of liquid bleed into pump #2 and leak into the tertiary containment that has been established. As waste collects in the tertiary containment it is immediately removed via a hose connected to the top of a valve on pump #1 piping. This hose connection creates a vacuum due to fluids passing through the pipe whereby wastes in the tertiary containment are removed during this pumping activity and transferred along with the fluids from the tanks.

It was discussed that the KH-Team intends to continue utilization of this tank system without the immediate reparation of pump #2 due to site-wide needs for water management. One specific example includes the management of groundwater influx into the basement of B444. If the 231 tank system were shut down for repairs at this time it would negatively and significantly impact operations in B444. It was agreed that at an appropriate time (i.e., maintenance personnel have the available tools and equipment necessary for the repairs, and the site's water management needs have been met and appropriate work controls are in place) pump #2 would be repaired.



Contact Record Prepared By: Bob Cathel, RMRS, Environmental Compliance

Distribution:

D Grosek, RFFO
C Burbach, CDPHE
E Smith, CDPHE
J Hindman, CDPHE
T Hopkins, RMRS
B McPherson, RMRS
M Wheeler, RMRS
N Cypher, RMRS
T Vess, RMRS
M Heser, RMRS
L Tyler, RMRS
J Lienemann, RFCSS
R Leitner, Proctors Enterprise
K Myers, Proctors Enterprise
D Shelton, K-H
F Phillips, K-H
K North, K-H
M Jennings, K-H